

This payment will be full compensation for all labor, equipment, and materials necessary to complete the work.

Exclusions. When the Bid Schedule does not contain an estimated quantity or a Lump Sum item for Clearing and Grubbing, the work will not be paid for directly but will be included in other Contract items.

SECTION 202 REMOVAL OF STRUCTURES, OBSTRUCTIONS, SURFACING, AND MISCELLANEOUS ITEMS

202.01 DESCRIPTION.

This work consists of razing, removing, salvaging, and disposing of all buildings, foundations, fences, structures, abandoned pipelines, culverts, pavements, manholes, inlets, sidewalks, driveways, curb and gutter, and other obstructions or items on the right of way or easement areas which are not designated or permitted to remain. It shall include salvaging designated materials, and backfilling resulting cavities. Material shall not be disposed of in wetlands areas. Proper disposal of inert waste is covered in Section 107.10.

202.02 CONSTRUCTION REQUIREMENTS.

- A. **General.** All designated salvageable material shall be removed without damage and transported in sections or pieces to specified storage locations. All removed material not designated to be salvaged or disposed of at specified locations, shall become the property of the Contractor and shall be disposed of in a manner satisfactory to the property owners and governing agencies. Copies of all agreements with property owners and governing agencies shall be furnished to the Engineer.

Except in areas to be excavated, basements or cavities left by structure removal shall be backfilled to the level of the surrounding ground. Before backfilling, any remaining concrete slabs shall be broken so that water does not get trapped in the cavity. Cavities located within the area between the toes of the inslopes shall be backfilled and compacted under the same Specifications as the embankment. Cavities located outside these areas shall be compacted to the same level as the surrounding undisturbed ground. There will be no separate payment for excavating or for backfilling and compacting the remaining cavity resulting from the removal of structures and obstructions.

- B. **Removal of Bridges and Box Culverts.** Bridges and box culverts shall not be removed until satisfactory arrangements have been made to accommodate traffic.

Existing substructures shall be removed to the natural stream bottom, and those parts outside of the stream shall be removed one foot below natural ground surface.

Portions of existing structures within the limits of a new structure shall be removed to accommodate the construction of the proposed structure.

Bridges, or portions of bridges, designated as salvaged material, shall be dismantled without damage, match marked, transported and stored at specified locations.

Blasting or other operations necessary to remove an existing structure or obstruction, which may damage new construction, shall be completed before starting the new work.

All concrete removed shall be disposed of under Section 202.02 A.

- C. **Removal of Pipe Culverts.** Pipe culvert designated for salvage shall be removed and stored without breakage or damage. Sections of pipe lost from storage or damaged by negligence shall be replaced at the Contractor's expense. Pipe designated for removal only will not be paid for and shall be removed from view of the project, or disposed of under Section 202.02 A. Pipe designated to be plugged shall be left in place and the ends plugged with compacted earth or concrete. Pipe shall not be removed until satisfactory arrangements have been made to accommodate traffic.

- D. **Removal of Pavement, Sidewalks, Curbs, etc.** All concrete pavement, sidewalks, curbs, gutters, inlets, manholes, driveways, buildings, foundations, slabs, etc., as well as ballast, gravel, bituminous material, or other surfacing or pavement materials not designated for salvage shall be disposed of under Section 202.02 A.

Where portions of an existing structure, pavement, curb, gutter, sidewalk, or similar item are to be left in the surface of the finished work, removal shall be to an existing joint, or sawed to a specified vertical face.

The removal and salvage of bituminous pavement scheduled for use as bituminous surfacing shall be in accordance with Section 405. All material salvaged for reuse as base material shall be removed so the material is not contaminated with dirt or other foreign material. The removal and salvage of P.C.C. pavement for use as recycled P.C.C. pavement shall be in accordance with Section 560.

202.03 METHOD OF MEASUREMENT.

When the Proposal Form stipulates payment will be made for obstruction removal on a Lump Sum basis, the pay item will include all structures and obstructions encountered within the Right of Way and easement areas according to the provisions in this Section. When payment will be made for removal of specific items on a unit basis, measurement will be made by the Lump Sum, Each, Linear Foot, Square Yard, Cubic Yard, or Ton, as stipulated in the Proposal. The sawing of concrete and bituminous surfacing will be measured by the Linear Foot.

202.04 BASIS OF PAYMENT.

Payment will be made at the Contract Unit Price for the following:

Pay Items	Pay Unit
Removal of Structures and Obstructions	Lump Sum
Removal of Structure	Each, Lump Sum
Removal of Box Culvert	Each, Lump Sum
Removal of Concrete	Lump Sum, Square Yard, Cubic Yard, Ton
Removal of _____ Surfacing	Square Yard, Cubic Yard, Ton
Removal & Salvage of _____ Surfacing	Square Yard, Cubic Yard, Ton
Removal & Salvage Culverts, All Types & Sizes	Linear Foot
Removal of Curb & Gutter	Linear Foot
Saw Concrete	Linear Foot
Saw Bituminous Surfacing	Linear Foot
Removal of Manholes	Each
Removal of Inlets	Each
Removal of _____	(Any of Above)

This payment will be full compensation for all labor, equipment, and materials necessary to complete the work.

Exclusions. When the Bid Schedule does not contain an estimated quantity or a Lump Sum item for "Removal of Structures and Obstructions," and the structure or obstruction is shown on the Plans, the work will not be paid for directly but will be included in other Contract Items. If the structure or obstruction is not shown on the Plans and removal is directed by the Engineer, payment will be made according to Section 104.03 D.

SECTION 203 EXCAVATION AND EMBANKMENT

203.01 DESCRIPTION.

This work consists of excavation, haul, placement and compaction of embankment, and disposal, if necessary, of material encountered within the limits of work necessary for construction of the roadway. Excavation in this Section will be classified as "Common Excavation," "Rock Excavation," "Muck Excavation," "Shale Excavation," or "Borrow" as described below.

- A. **Common Excavation.** Common Excavation consists of all excavation not otherwise classified. If encountered, coal will be measured and paid for as Common Excavation and shall be deposited outside the construction limits at designated locations, or at locations acceptable to the Engineer.